

# ILLINOIS WEATHER & CROPS



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## ILLINOIS STATE WATER SURVEY

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### CROPS

Crops continued to progress toward maturity last week, aided by the mostly dry weather. Rain was limited to the Northeast and a few areas of the South. For the week of September 7-13, an average of 6.25 days was reported as suitable for fieldwork. Harvesting of corn for silage and seed continued last week while a few fields of early corn and soybeans have also been cut. Reports indicate that isolated fields of wheat have been seeded in northern and western areas.

On September 15, 95% of the CORN acreage was dented compared to 98% last year and the 5-year average (1980-84) of 96%. Fifty-two percent of the acreage was mature, compared to 49% last year and the average of 62%. Three percent of the acreage has been harvested for grain, compared to 3% for both last year and the average. Condition of the crop on September 13 was reported as 38% excellent, 58% good, and 4% fair.

On September 15, 70% of the SOYBEAN acreage was turning yellow, compared to 66% last year and the 5-year average (1980-84) of 68%. Thirty-eight percent of the acreage was shedding leaves, compared to 36% last year and the average of 39%. One percent of the acreage has been harvested, compared to 3% for both last year and the average. Condition of the crop on September 13 was reported as 30% excellent, 67% good, and 3% fair.

ALFALFA condition on September 13 was reported as 25% excellent, 65% good, 9% fair, and 1% poor. On September 15, 94% of the third crop was cut, compared to 98% last year and the average of 94%.

SORGHUM condition on September 13 was reported as 18% excellent, 74% good, and 8% fair.

PASTURE condition on September 13 was reported as 25% excellent, 65% good, 9% fair, and 1% poor.

SOIL MOISTURE on September 13 was reported as 18% short, 78% adequate, and 4% surplus.

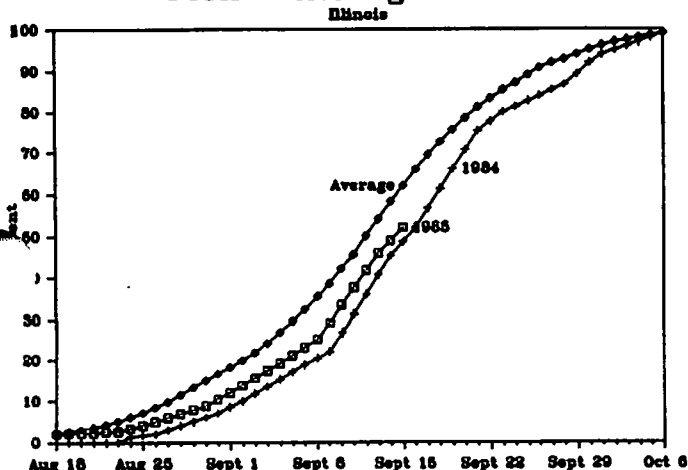
### WEATHER

With the passage of a cold front, the recent hot weather yielded to cooler than normal TEMPERATURES during the past week. Mean temperatures for the week were in the high 50's in the North, mid-60's Central, and high 60's in the South. All of Illinois was below normal by 3° (Morrison) to 11° (Ottawa).

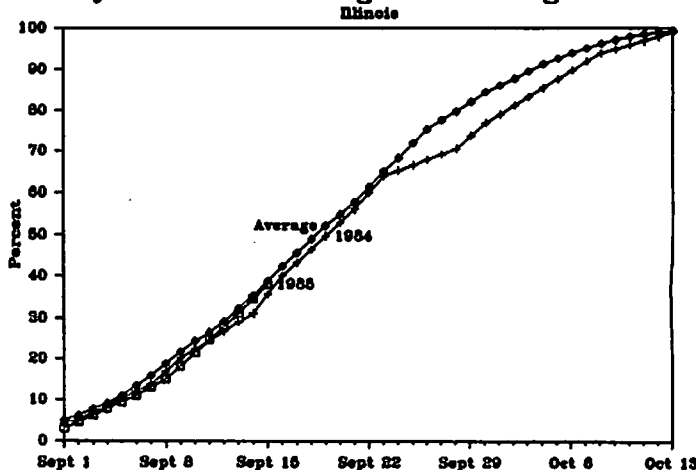
PRECIPITATION: Last week was extremely dry over the entire State. Only 5 of 36 stations reported any rain, the remainder being totally dry. Some rain did fall in the Antioch area (0.05"), Kankakee (0.16"), and the Southeast. Lawrenceville received the greatest amount, 0.75", McLeansboro received 0.20" and Fairfield, only 0.02". No other stations in the State recorded any precipitation.

The OUTLOOK for September 16-22 calls for some warming temperatures during the week, with a chance of showers Thursday and Friday.

Corn - Acreage Mature



Soybeans - Acreage Shedding Leaves



### ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of September 15											
Corn: % dented	96	96	97	98	92	98	96	93	88	95	96
Soybeans: % turning yellow	78	75	76	87	75	63	64	50	42	70	68
Alfa: % 3rd crop cut	92	96	94	95	98	97	92	97	90	94	94
Week ending September 13											
Days suitable for fieldwork	6.5	5.5	7.0	6.5	6.0	7.0	6.5	6.5	6.5	6.25	
Soil Moisture %:											
Short	65	10	25	15	0	5	5	25	15	18	
Adequate	35	90	75	85	85	90	95	65	85	78	
Surplus	0	0	0	0	15	5	0	10	0	4	

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

NEWSPAPER TIME VALUE

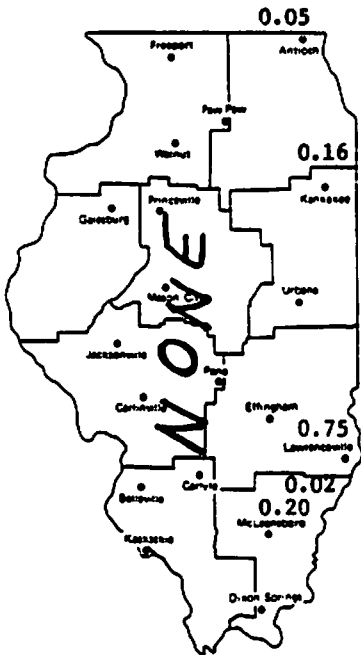
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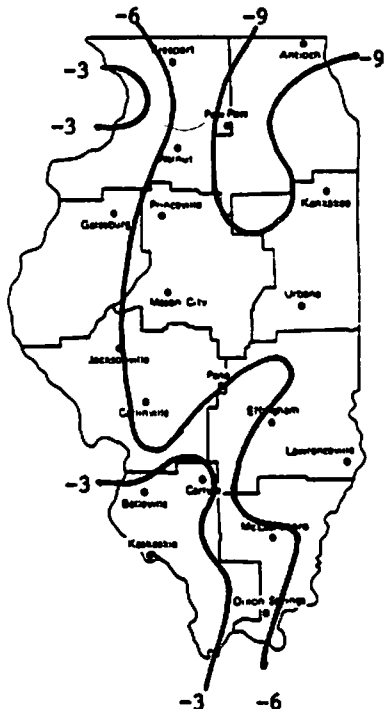
Week ending Sunday, September 15, 1985

Location	Temperatures			Precipitation			Growing Degree Days (50 deg)			Plant Avail.	
	Maxi- : num	Mini- : num	Deapar- : ture	Curr. : week	Since : May 1	Departure : since May 1	Curr. : week	Since : May 1	Departure : since May 1	Soil Moist. 1/ : 0-6"	2/ : 6-20"
Freeport	77	36	-8	0.00	15.96	-1.44	74	2443	-89	57	76
Paw Paw	78	38	-11	0.00	13.34	-3.53	74	2349	-527	68	71
Antioch	83	38	-10	0.05	16.34	0.04	78	2340	-416	27	27
Galesburg	74	45	-4	0.00	10.61	-8.38	84	2666	-79	32	34
Walnut	79	41	-7	0.00	14.28	-2.59	76	2441	-435	68	71
Mason City	80	41	-7	0.00	13.19	-2.05	95	2865	-94	45	60
Princeville	83	37	-8	0.00	16.68	-0.16	90	2469	-323	34	51
Kankakee	88	40	-6	0.16	13.25	-4.41	88	2609	-146	27	27
Jacksonville	83	43	-6	0.00	18.25	3.01	95	2614	-345	68	83
Pana	80	44	-8	0.00	14.12	-3.61	89	2783	-196	37	60
Urbana	76	42	-7	0.00	18.36	1.40	84	2750	-104	57	68
Carlinville	81	45	-6	0.00	15.70	-0.46	91	2943	-72	68	83
Effingham	91	46	-6	0.00	16.87	0.35	92	2852	-129	43	65
Lawrenceville	93	43	-7	0.75	17.70	-0.58	99	2875	-201	43	65
Belleville	92	44	-6	0.00	16.57	1.70	102	2995	-221	40	51
Carlyle	94	52	-3	0.00	15.25	-1.25	108	3037	-90	69	93
McLeansboro	94	46	-5	0.20	17.45	0.47	112	2980	-258	38	65
Kaskaskia	95	46	-1	0.00	16.91	-0.52	130	3061	-89	71	74
Dixon Springs	91	47	-3	0.00	27.68	10.70	123	3216	-22	60	78

1/ Soil moisture measurements are based on readings from closest station. Readings taken approximately August 30.  
2/ Missing data.



TOTAL PRECIPITATION  
FOR WEEK ENDING  
SEPTEMBER 15



MEAN TEMPERATURE DEVIATIONS  
FROM NORMAL FOR  
WEEK ENDING SEPTEMBER 15